

**From:** [Stoughton, Casie](#)  
**To:** [May, Shaun](#)  
**Cc:** [Enders, Jhana](#); [eddy.vance@tceq.texas.gov](mailto:eddy.vance@tceq.texas.gov); [Orton, Chip](#); [david.durst@tceq.texas.gov](mailto:david.durst@tceq.texas.gov); [Milton, S](#); [Britten, Brad](#); [West, Theresa](#)  
**Subject:** Re: Unified Command - Air Monitoring Documentation  
**Date:** Thursday, January 26, 2017 7:26:38 AM

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I would like to change the wording a bit on the questionnaire piece. Have a morning meeting so will have it to you before 11:00.

Casie

Sent from my iPhone

On Jan 26, 2017, at 5:00 AM, May, Shaun <[Shaun.May@amarillo.gov](mailto:Shaun.May@amarillo.gov)> wrote:

Yes, I believe that your assumptions are correct.

Sent from my iPhone

On Jan 25, 2017, at 5:34 PM, Enders, Jhana <[Enders.Jhana@epa.gov](mailto:Enders.Jhana@epa.gov)> wrote:

Shaun,

Also, just wanted to get confirmation per the requirements listed below that 'less than 0.1 ppm' is acceptable ("non-detection, effectively 0") since this is the lowest detection limit the air monitoring equipment can achieve. I am assuming the house is 'clear' at 'less than 0.1ppm' unless you tell me otherwise. Thanks.

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**From:** May, Shaun [<mailto:Shaun.May@amarillo.gov>]

**Sent:** Monday, January 23, 2017 10:29 AM

**To:** '[eddy.vance@tceq.texas.gov](mailto:eddy.vance@tceq.texas.gov)' <[eddy.vance@tceq.texas.gov](mailto:eddy.vance@tceq.texas.gov)>; Enders, Jhana <[Enders.Jhana@epa.gov](mailto:Enders.Jhana@epa.gov)>; Orton, Chip <[Chip.Orton@amarillo.gov](mailto:Chip.Orton@amarillo.gov)>; '[david.durst@tceq.texas.gov](mailto:david.durst@tceq.texas.gov)' <[david.durst@tceq.texas.gov](mailto:david.durst@tceq.texas.gov)>; 'Milton, S' <[s.milton@ttuhsc.edu](mailto:s.milton@ttuhsc.edu)>

**Cc:** Britten, Brad <[Brad.Britten@amarillo.gov](mailto:Brad.Britten@amarillo.gov)>; West, Theresa <[Theresa.West@amarillo.gov](mailto:Theresa.West@amarillo.gov)>; Stoughton, Casie <[Casie.Stoughton@amarillo.gov](mailto:Casie.Stoughton@amarillo.gov)>

**Subject:** Unified Command - Air Monitoring Documentation

Good morning everyone, I am sending this email of behalf of Dr. Milton. The purpose of this email is to document the requirements Dr. Milton set for air monitoring that were accepted by Unified Command at our January 10<sup>th</sup> meeting.

Dr. Milton, please "reply to all" with your concurrence for our records. If I have captured something incorrectly and/or an item is missing, please let me know and I will get it corrected. Thank you

[To Unified Command,](#)

[The purpose of this email is to follow-up in writing with Unified](#)

Command's concurrence at our January 10<sup>th</sup> meeting of the specific time period requirements for non-detect air monitoring results for the inside of the home and at the area underneath the trailer when the product was placed at Carolyn Street. This requirement by the Health Authority is necessary to move into the final sampling period in order to clear the residence for release to APD. It was determined seven (7) cumulative days of "clear" monitoring would be necessary to cease air monitoring and move to final sampling. Per our agreement, the following conditions are required to be considered "clear":

1. Air monitoring will be at a level on **non-detection, effectively zero**
2. Ambient air inside the home and under the trailer must be at or above 50 degree F.
3. **Should a detection level other than non-detect/zero be obtained, the Health Authority must be notified and the circumstances concerning the monitoring result(s) fully explained.**
4. If the Health Authority determines that the detection other than non-detect is not significant, and in the absence of no other significant Phosphine gas detection, the Health Authority may determine that the round of air monitoring is "clear".
5. If the Health Authority determines that any round of air monitoring to be NOT "clear", the number of cumulative days will reset to zero and the air monitoring process will have to start all over again.
6. The cumulative days need not be consecutive.
7. Once seven (7) cumulative days have been achieved, final sampling protocol inside the home will begin ASAP as determined by the Health Authority.
8. APD CSI is limited to a 2-hr/day/person occupation exposure without supplied air (level B PPE) inside the home provided they are accompanied with EPA/TCEQ contractors actively air monitoring for presence of Phosphine gas.

Please let me know if you have any questions or concerns. Thanks  
Shaun



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**Shaun C. May, M.P.H., R.E.H.S.  
Environmental Health Director**

**Bi-City-County Health District**

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